

ABSTRACT

As a disease gene for rheumatoid arthritis present in human chromosome X and a method of diagnosing rheumatoid arthritis, a disease gene, which is a mutant of protooncogene Dbl transcribing an mRNA that encodes the cDNA of which the sequence from the 2679th to 2952nd bases is shown in SEQ ID NO: 1, which disease gene transcribes an mRNA encoding the cDNA of which the region from the 20th to 274th bases in SEQ ID NO: 1 is substituted with the sequence of SEQ ID NO: 2, and a method for diagnosing rheumatoid arthritis by detecting the mRNA of the above-described gene or its expression product in a biological specimen, is provided.